

*C2
canceled*

8. The method of claim 1, wherein said plant is transformed with a nucleic acid containing a sequence which encodes a dominant negative mutant of a fatty acid desaturase.

9. The method of claim 1, wherein said plant is transformed with a nucleic acid containing a sequence which encodes a mutant fatty acid desaturase in which one or more essential histidine residues have been mutated.

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11. A method of altering an amount of an unsaturated fatty acid comprising

- (a) transforming a plant cell with a nucleic acid containing a sequence which encodes a dominant negative mutant of a fatty acid desaturase,
- (b) growing a seed-bearing plant from the transformed plant cell of step (a), and
- (c) identifying a seed from the plant of step (b) with the altered amount of the unsaturated fatty acid in the seed.

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14. The method of claim 11, wherein said nucleic acid contains a sequence which encodes the dominant negative mutant of a fatty acid desaturase in which one or more essential histidine residues have been mutated.

15. The method of claim 11, wherein said nucleic acid contains a sequence which encodes the dominant negative mutant of a fatty acid desaturase.

REMARKS

Claims 1, 7-11 and 14-16 are currently pending. Claims 1, 7-9, 11 and 14-15 are newly amended. All of the pending claims are now directed to the elected subject matter of elected Group IV. Non-elected claims 2-6, 12-13 and 17-34 are newly canceled. Please note that the Office Action Summary (PTO-326) states that claim 11 is both withdrawn from consideration and rejected. Since claim 11 is included in elected Group IV and since the Examiner states that Group IV includes "1, 7-11 and 14-16" (Office Action, page 2, line 4), Applicants believe that